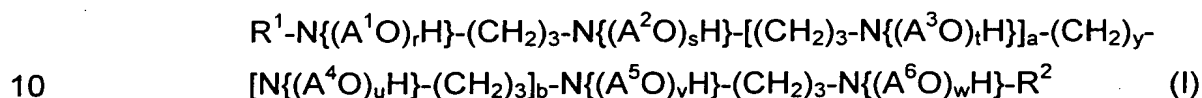


What is claimed is:

1. A composition comprising

5 a) one or more pesticides and

b) one or more compounds selected from formula I



in which

15 R^1 and R^2 are, in each case independently of one another, a linear or branched alkyl or alkenyl residue with 6 to 30 carbon atoms,

A^1 to A^6 are, in each case independently of one another, a group of the formula $-C_2H_4-$ or $-C_3H_6-$,

20 r , s , t , u , v and w are, in each case independently of one another, a number from 1 to 400,

the sum of the numbers r , s , t , u , v and w has values from 10 to 600,

25 a and b are, in each case independently of one another, a number from 0 to 10, and

y is a number from 2 to 10,

30 the compounds of the formula I also including those derivatives in which a fourth residue is bonded to one or more nitrogen atoms, which residue is chosen from H and linear or branched alkyl groups with 1 to 6 carbon atoms, and the counterions of these derivatives are chosen from chloride,

bromide, iodide, fluoride, sulfate, hydrogensulfate, carbonate, hydrogencarbonate, phosphate, mono- and dihydrogenphosphate, pyrophosphate, metaphosphate, nitrate, methyl sulfate, phosphonate, methylphosphonate, methanedisulfonate, methanesulfonate, or ethanesulfonate, or from anionic compounds of the formula $R^6SO_3^-$ and $R^7SO_4^-$ or R^6COO^- in which R^6 and R^7 are linear or branched C_8-C_{20} alkyl, and R^7 is, in addition, also C_7-C_{18} alkylphenyl.

2. A composition as claimed in claim 1, wherein the pesticide or pesticides are chosen from the N-(phosphonomethyl)glycine (glyphosate) class of substances.

3. A composition as claimed in claim 2, wherein glyphosate is present as free acid or as alkali metal, ammonium, alkylamine, alkylsulfonium, alkylphosphonium, sulfonylamine or aminoguanidine salt.

4. A composition as claimed in one or more of claims 1 to 3, which comprises compounds of the formula I in which

R^1 and R^2 are, in each case independently of one another, an alkyl residue with 8 to 19 carbon atoms,

A^1 to A^6 are, in each case independently of one another, a group of the formula $-C_2H_4-$ or $-C_3H_6-$,

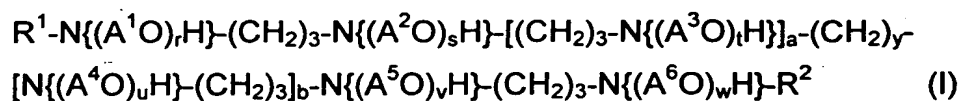
r , s , t , u , v and w are, in each case independently of one another, a number from 1 to 400,

the sum of the numbers r , s , t , u , v and w has values from 10 to 600,

a and b are, in each case independently of one another, a number from 0 to 10, and

y is 2.

5. A composition as claimed in claim 4, wherein a and b are 0.
- 5 6. A composition as claimed in one or more of claims 1 to 5, wherein R¹ and R² are a tallow fatty residue.
7. A composition as claimed in one or more of claims 1 to 6, which exists as a concentrate formulation to be diluted before use and comprises 5 to 60
10 weight% of pesticide and 5 to 50 weight% of one or more compounds of the formula I.
8. A composition as claimed in one or more of claims 1 to 6, which exists as a solid formulation to be dissolved in water before use and comprises 20 to 80
15 weight% of pesticide and 5 to 80 weight% of one or more compounds of the formula I.
9. A composition as claimed in one or more of claims 1 to 6, which exists as a spray mixture and comprises 0.001 to 10 weight% of pesticide and 0.01 to 10
20 weight% of one or more compounds of the formula I.
10. A composition as claimed in one or more of claims 1 to 9, which comprises agrochemical salts, preferably ammonium salts.
- 25 11. A composition as claimed in claim 10, wherein the agrochemical salts are chosen from ammonium sulfate, ammonium nitrate, ammonium phosphate, ammonium thiocyanate and/or ammonium chloride.
12. Use of
30
 - a) one or more pesticides and
 - b) one or more compounds selected from formula I



in which

5

R^1 and R^2 are, in each case independently of one another, a linear or branched alkyl or alkenyl residue with 6 to 30 carbon atoms,

10

A^1 to A^6 are, in each case independently of one another, a group of the formula $-C_2H_4-$ or $-C_3H_6-$,

r , s , t , u , v and w are, in each case independently of one another, a number from 1 to 400,

15

the sum of the numbers r , s , t , u , v and w has values from 10 to 600,

a and b are, in each case independently of one another, a number from 0 to 10, and

20

y is a number from 2 to 10,

25

the compounds of the formula I also including those derivatives in which a fourth residue is bonded to one or more nitrogen atoms, which residue is chosen from H and linear or branched alkyl groups with 1 to 6 carbon atoms, and the counterions of these derivatives are chosen from chloride, bromide, iodide, fluoride, sulfate, hydrogensulfate, carbonate, hydrogencarbonate, phosphate, mono- and dihydrogenphosphate, pyrophosphate, metaphosphate, nitrate, methyl sulfate, phosphonate, methylphosphonate, methanedisulfonate, methanesulfonate, or ethanesulfonate, or from anionic compounds of the formula $R^6SO_3^-$ and $R^7SO_4^-$ or R^6COO^- in which R^6 and R^7 are linear or branched C_8-C_{20} alkyl, and R^7 is, in addition, also C_7-C_{18} alkylphenyl,

30

in controlling and/or combating weeds.

13. The use as claimed in claim 12 in the tank-mix process.
- 5 14. The use as claimed in claim 12, wherein the pesticide or pesticides are present in water or an organic solvent and the compound or the compounds according to formula I are present without solvent or in water and the abovementioned substances are mixed with one another before application.
- 10 15. The use as claimed in claim 14, wherein the pesticide or pesticides and the one or more compounds according to formula I are present in water.